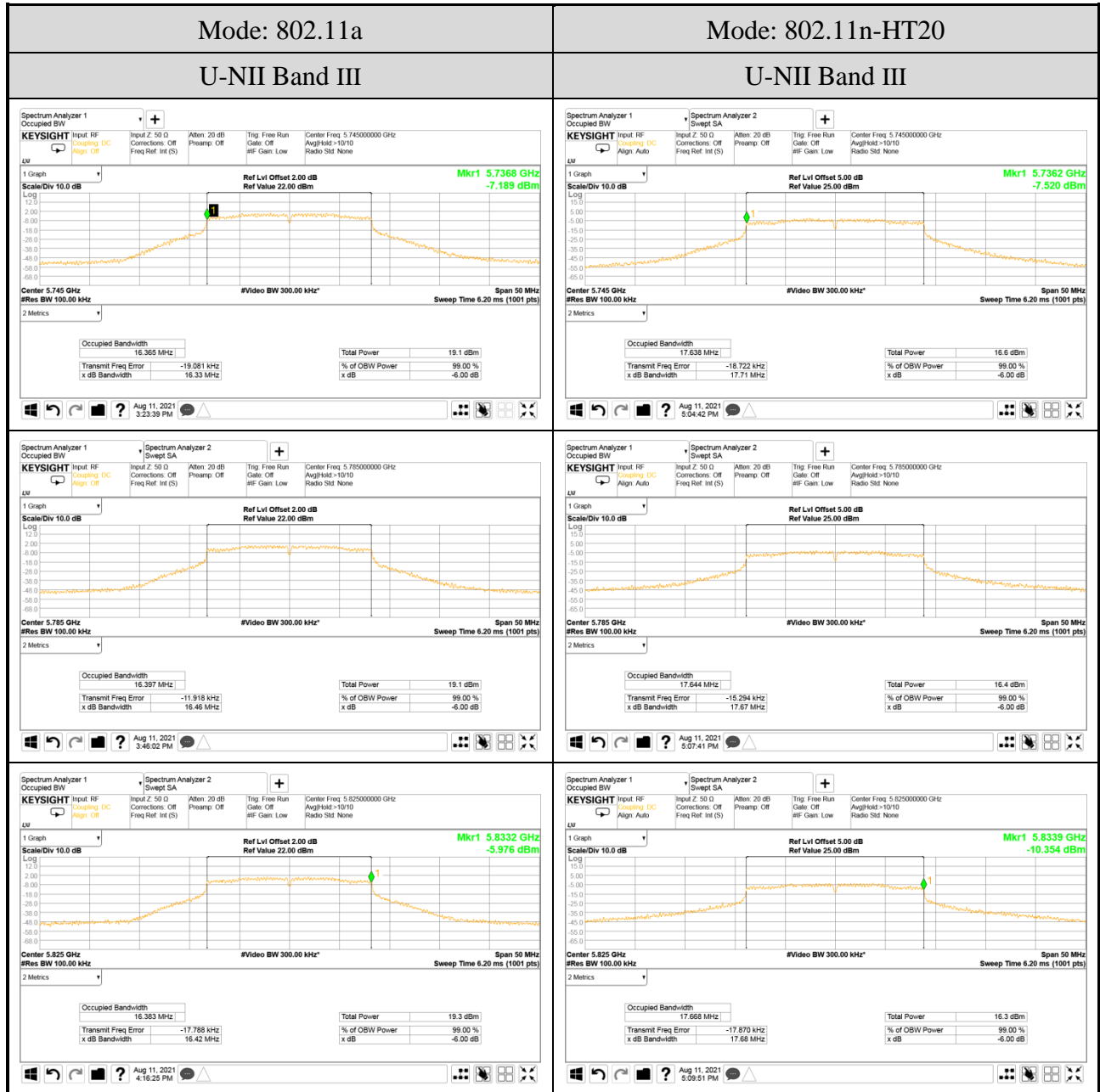
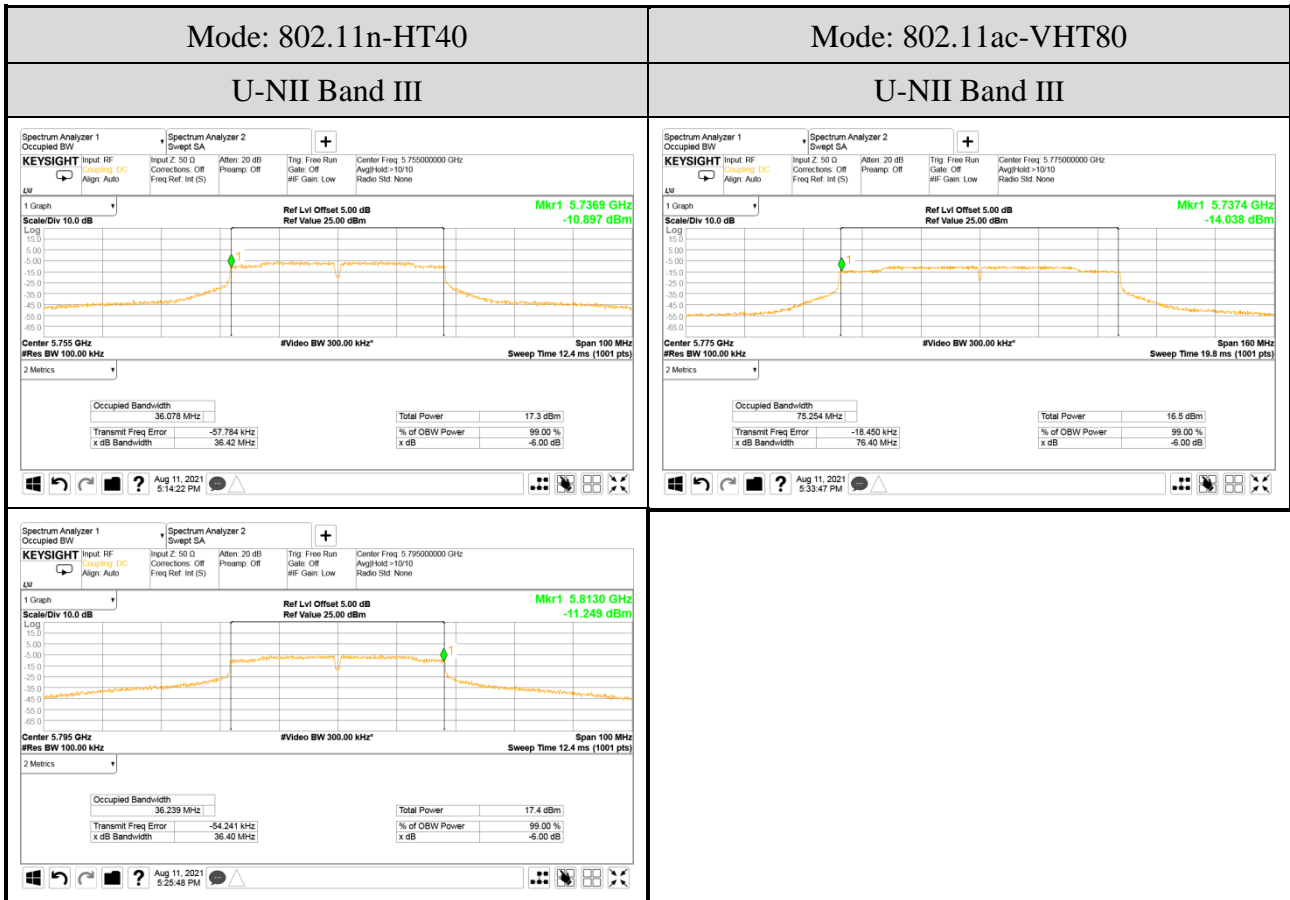
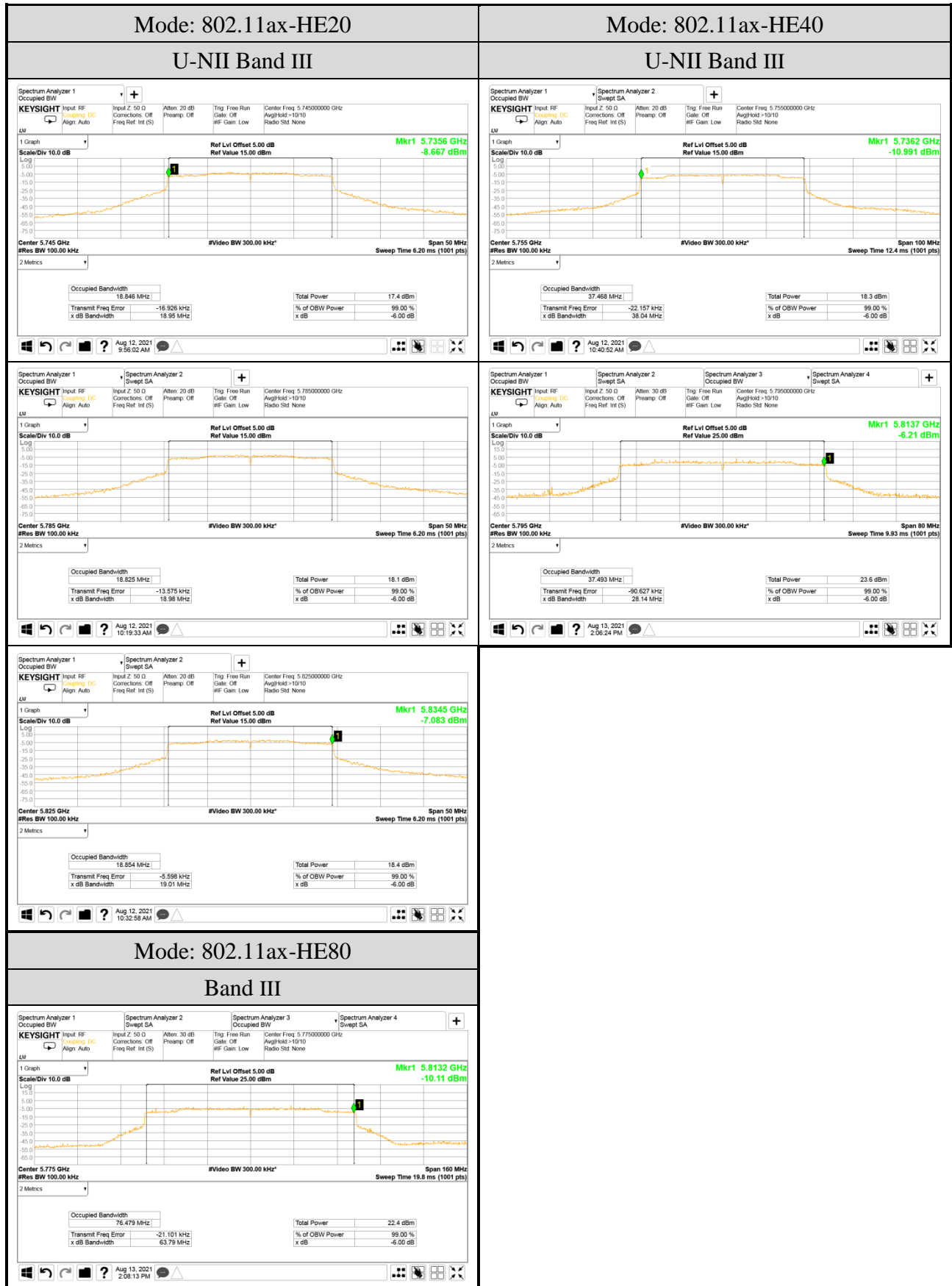
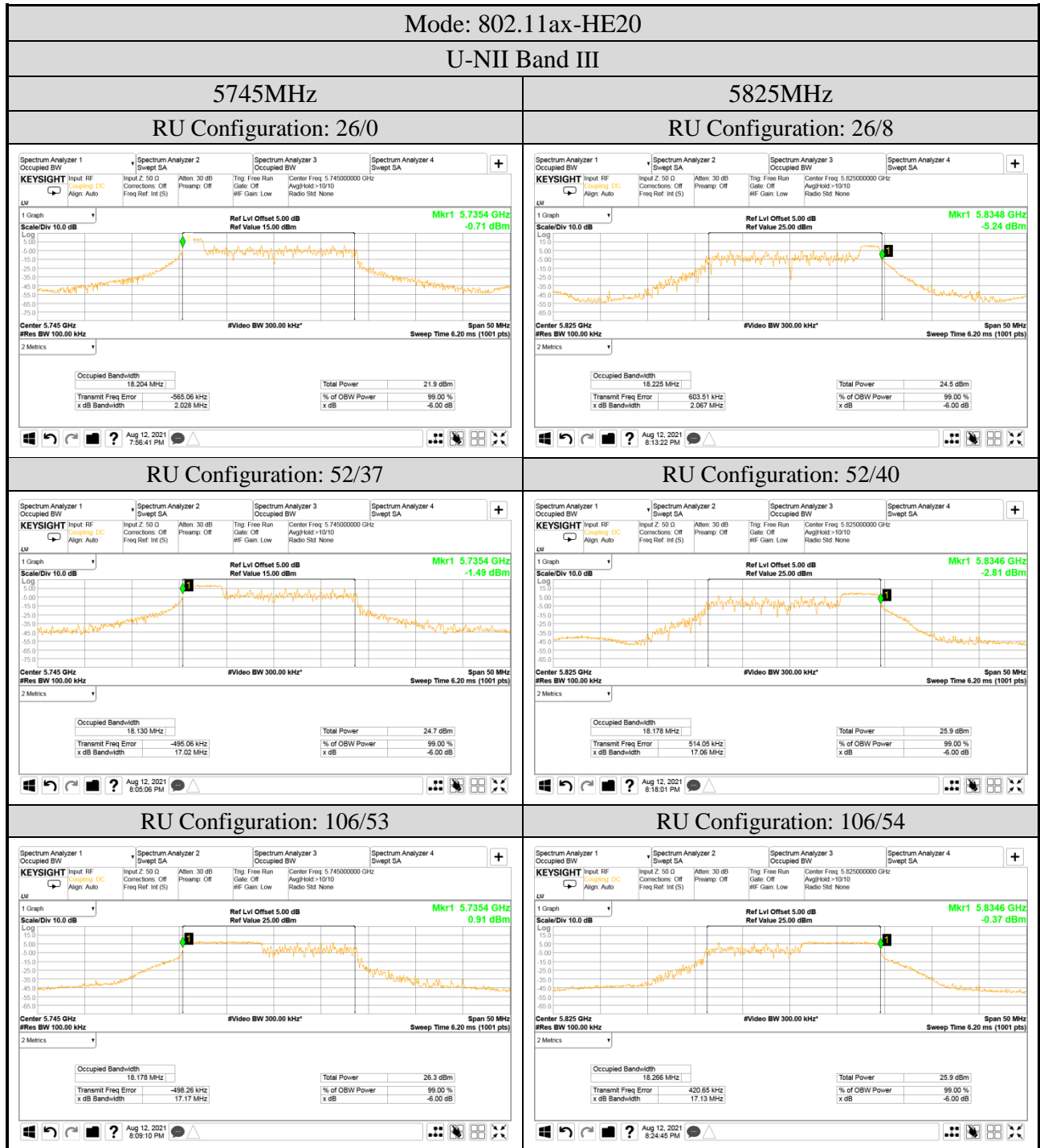


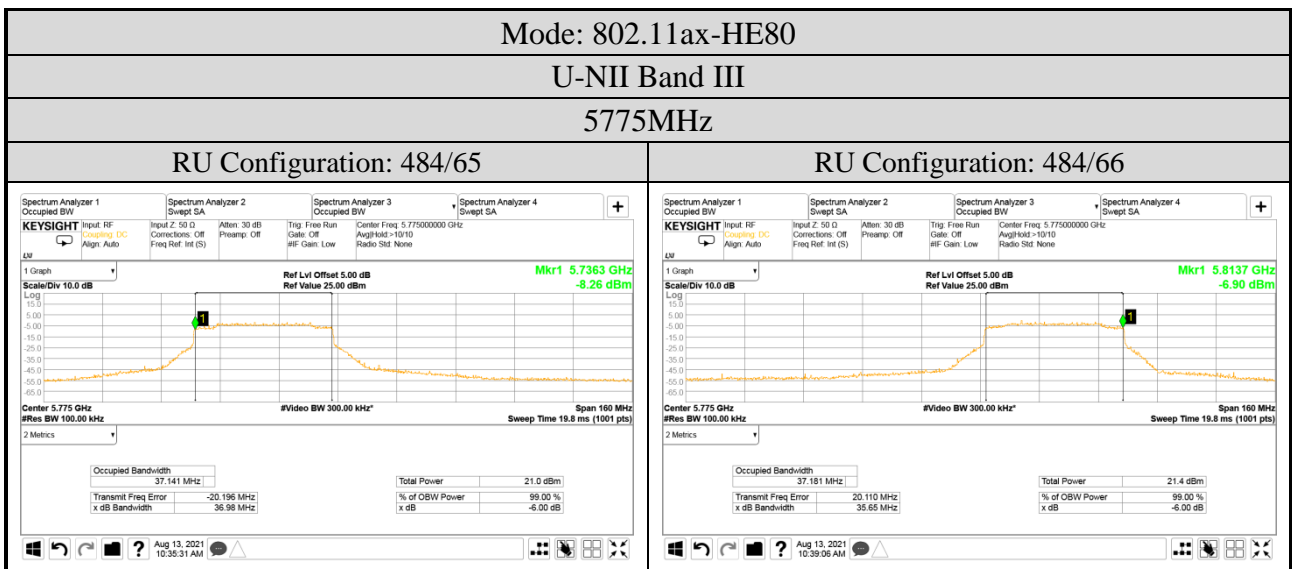
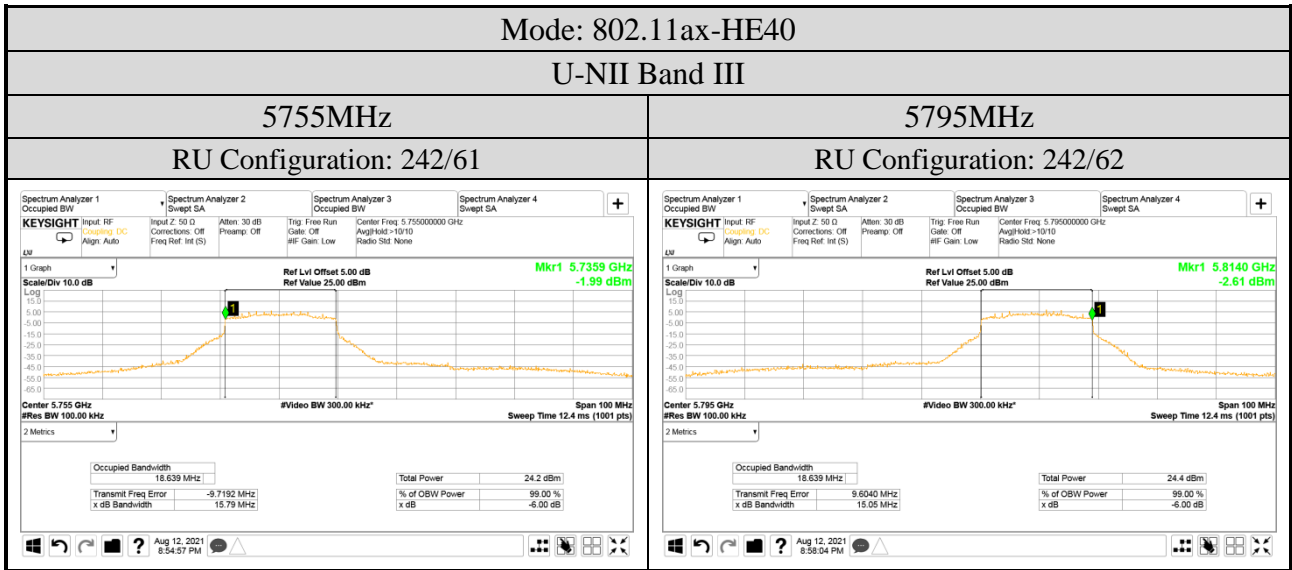
● For 6dB Bandwidth











A.4 MAXIMUM OUTPUT POWER

Test Date	2021/08/04 ~ 19	Temp./Hum.	23 ~ 25°C/52 ~ 58%
Cable Loss	2dB	Tested By	Sean Wang
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.4.1 Average Output Power

Mode	U-NII Band	Centre Frequency (MHz)	Average Output Power(dBm)		10log (1/X)	Max Average Output Power		Limit
			Chain 0	Chain 1		(dBm)	(W)	
802.11a	I	5180	18.19	18.16	N/A	18.19	0.066	< 250 mW (24 dBm)
		5200	18.92	18.80		18.92	0.078	
		5240	19.91	19.68		19.91	0.098	
	2A	5260	19.89	20.01		20.01	0.100	
		5300	18.97	18.80		18.97	0.079	
		5320	18.34	17.87		18.34	0.068	
	2C	5500	18.43	18.34		18.43	0.070	
		5580	19.93	19.59		19.93	0.098	
		5700	17.82	18.18		18.18	0.066	
		5720	19.98	19.73		19.98	0.100	
	III	5745	19.93	20.02		20.02	0.100	< 1 W (30 dBm)
		5785	19.65	20.08		20.08	0.102	
		5825	19.73	19.83		19.83	0.096	

Note: The results have been included cable loss.

Mode	U-NII Band	Centre Frequency (MHz)	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1		(dBm)	(W)	
802.11n-HT20	I	5180	15.54	15.34	N/A	18.45	0.070	< 250 mW (24 dBm)
		5200	16.20	15.94		19.08	0.081	
		5240	17.45	17.14		20.31	0.107	
	2A	5260	17.52	17.44		20.49	0.112	
		5300	16.34	16.10		19.23	0.084	
		5320	15.47	15.16		18.33	0.068	
	2C	5500	15.81	15.51		18.67	0.074	
		5580	17.51	17.22		20.38	0.109	
		5700	15.07	14.48		17.80	0.060	
		5720	17.41	17.13		20.28	0.107	
	III	5745	17.16	17.14		20.16	0.104	
		5785	17.25	17.22		20.25	0.106	
5825		17.28	17.16	20.23	0.105			
802.11n-HT40	I	5190	15.87	15.41	N/A	18.66	0.073	< 250 mW (24 dBm)
		5230	17.36	17.15		20.27	0.106	
	2A	5270	16.61	16.56		19.60	0.091	
		5310	14.76	14.55		17.67	0.058	
	2C	5510	15.02	14.63		17.84	0.061	
		5550	15.85	15.72		18.80	0.076	
		5670	17.33	16.85		20.11	0.103	
	III	5710	17.90	17.56		20.74	0.119	
		5755	17.65	17.56		20.62	0.115	
	5795	17.75	17.77	20.77		0.119		
802.11ac-VHT80	I	5210	16.08	15.85	N/A	18.98	0.079	< 250 mW (24 dBm)
	2A	5290	14.83	14.61		17.73	0.059	
		5530	15.70	15.20		18.47	0.070	
	2C	5610	17.83	17.52		20.69	0.117	
		5690	18.15	17.67		20.93	0.124	
	III	5775	16.59	16.54		19.58	0.091	
802.11ac-VHT160	I/ 2A	5250	12.03	11.91	N/A	14.98	0.031	< 250 mW (24 dBm)
	2C	5570	11.52	11.25		14.40	0.028	

Note: The results have been included cable loss.

Mode	U-NII Band	Centre Frequency (MHz)	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
			Chain 0	Chain 1		(dBm)	(W)	
802.11ax-HE20	I	5180	15.51	15.28	N/A	18.41	0.069	< 250 mW (24 dBm)
		5200	16.21	15.95		19.09	0.081	
		5240	17.37	17.22		20.31	0.107	
	2A	5260	17.47	17.44		20.47	0.111	
		5300	16.22	16.01		19.13	0.082	
		5320	15.31	15.06		18.20	0.066	
	2C	5500	15.76	15.46		18.62	0.073	
		5580	17.38	17.27		20.34	0.108	
		5700	15.01	14.45		17.75	0.060	
		5720	17.36	17.12		20.25	0.106	
	III	5745	17.10	17.07		20.10	0.102	
		5785	17.22	17.16		20.20	0.105	
5825		17.17	17.13	20.16	0.104			
802.11ax-HE40	I	5190	15.59	15.37	N/A	18.49	0.071	< 250 mW (24 dBm)
		5230	17.11	16.94		20.04	0.101	
	2A	5270	16.45	16.32		19.40	0.087	
		5310	14.47	14.26		17.38	0.055	
	2C	5510	14.87	14.47		17.68	0.059	
		5550	15.67	15.44		18.57	0.072	
		5670	17.03	16.61		19.84	0.096	
		5710	17.73	17.30		20.53	0.113	
	III	5755	17.41	17.34		20.39	0.109	
		5795	17.52	17.43		20.49	0.112	
802.11ax-HE80	I	5210	15.62	15.57	N/A	18.61	0.073	< 250 mW (24 dBm)
	2A	5290	14.41	14.41		17.42	0.055	
		5530	15.16	14.98		18.08	0.064	
	2C	5610	17.65	17.52		20.60	0.115	
		5690	17.97	17.72		20.86	0.122	
	III	5775	16.23	16.13		19.19	0.083	
802.11ax-HE160	I/2A	5250	11.66	11.44	N/A	14.56	0.029	< 250 mW (24 dBm)
	2C	5570	11.39	11.05		14.23	0.026	

Note: The results have been included cable loss.

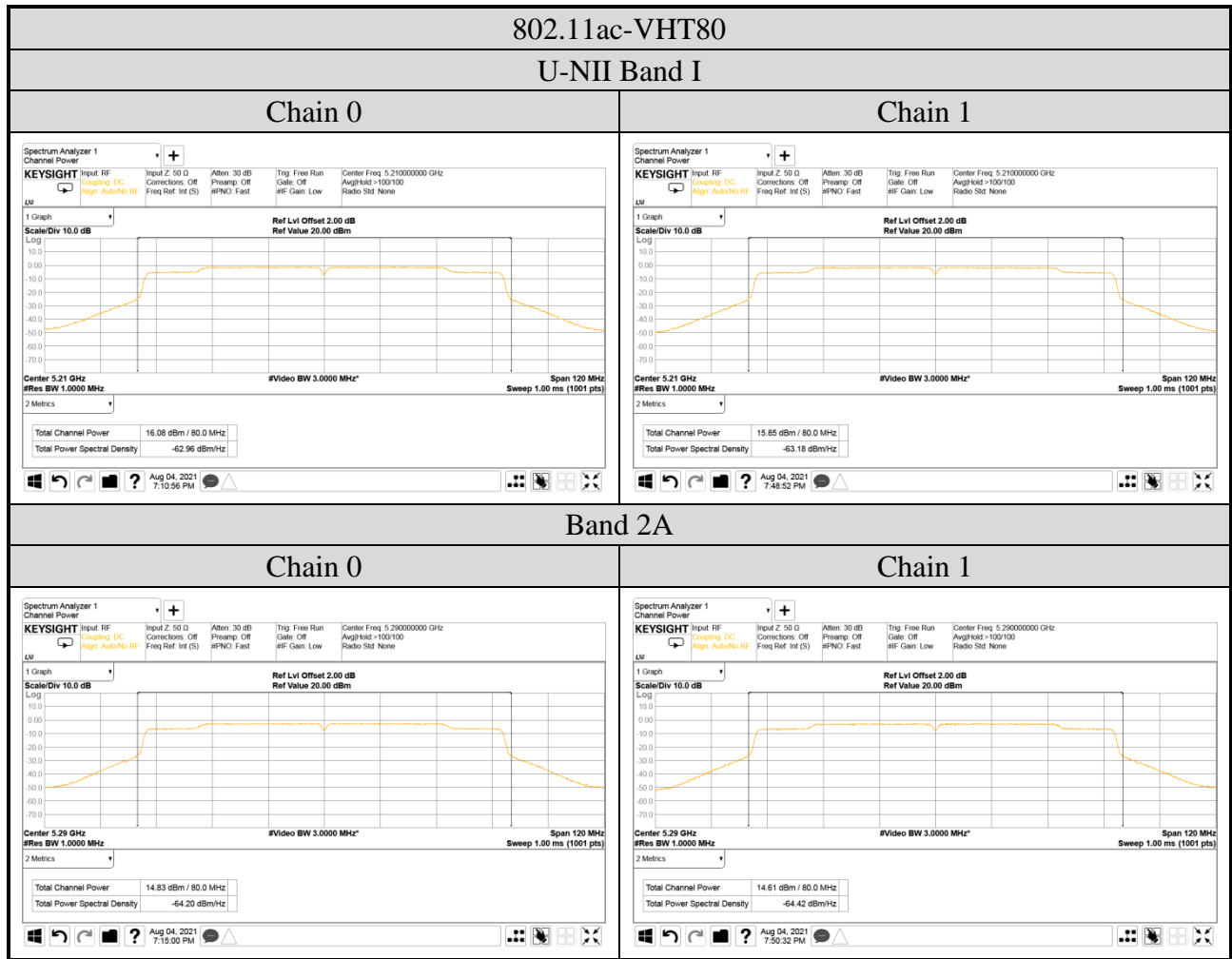
Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
				Chain 0	Chain 1		(dBm)	(W)	
802.11ax-HE20	I	5180	26/0	11.43	11.18	N/A	14.32	0.027	< 250 mW (24 dBm)
			52/37	14.45	14.25		17.36	0.054	
			106/53	15.68	15.46		18.58	0.072	
	2A	5320	26/8	11.82	11.63		14.74	0.030	
			52/40	12.06	11.92		15.00	0.032	
			106/54	15.55	15.35		18.46	0.070	
	2C	5500	26/0	11.74	11.43		14.60	0.029	
			52/37	14.76	14.48		17.63	0.058	
			106/53	15.78	15.64		18.72	0.074	
		5700	26/8	11.89	11.42		14.67	0.029	
			52/40	13.06	12.59		15.84	0.038	
			106/54	14.72	14.17		17.46	0.056	
	III	5745	26/0	11.58	11.45		14.53	0.028	
			52/37	14.60	14.54		17.58	0.057	
			106/53	17.17	17.15		20.17	0.104	
		5825	26/8	16.65	16.42		19.55	0.090	
52/40	16.86		16.68	19.78	0.095				
106/54	16.96	16.64	19.81	0.096					
802.11ax-HE40	I	5190	242/61	15.42	15.34	18.39	0.069	< 250 mW (24 dBm)	
	2A	5310	242/62	14.59	14.36	17.49	0.056		
	2C	5510	242/61	15.05	14.75	17.91	0.062		
		5670	242/62	16.98	16.64	19.82	0.096		
	III	5755	242/61	17.03	17.02	20.04	0.101	< 1 W (30 dBm)	
		5795	242/62	16.98	16.96	19.98	0.100		

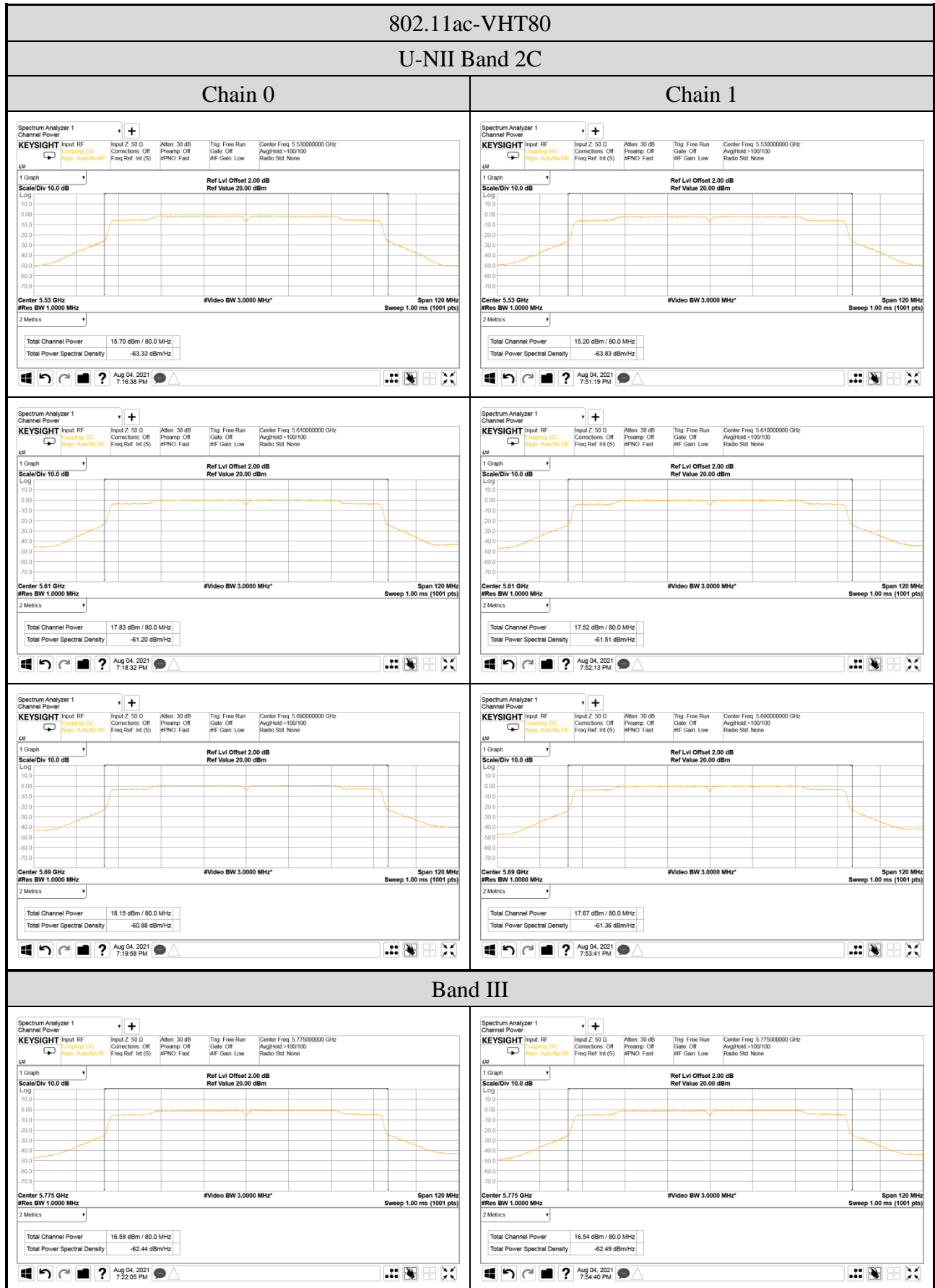
Note: The results have been included cable loss.

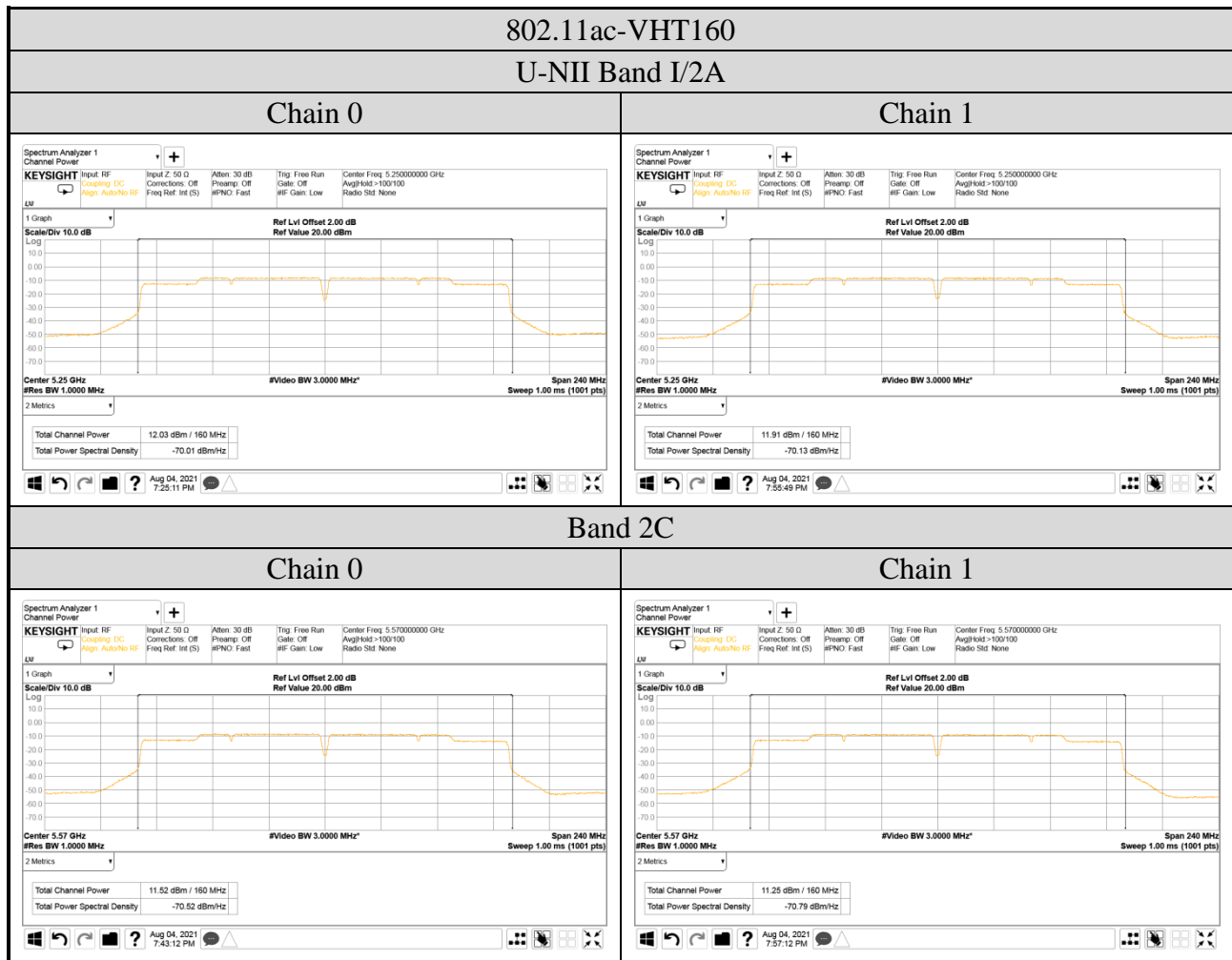
Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Average Output Power(dBm)		10log (1/X)	Total Average Output Power		Limit
				Chain 0	Chain 1		(dBm)	(W)	
802.11ax-HE80	I	5210	484/65	15.21	15.47	N/A	18.35	0.068	< 250 mW (24 dBm)
	2A	5290	484/66	12.33	11.76		15.06	0.032	
	2C	5530	484/65	13.85	13.53		16.70	0.047	
		5610	484/66	15.78	15.62		18.71	0.074	
	III	5775	484/65	15.39	16.22		18.84	0.077	< 1 W (30 dBm)
			484/66	15.71	15.45		18.59	0.072	
802.11ax-HE160	I/ 2A	5250	996/67	10.70	10.61	N/A	13.67	0.023	< 250 mW (24 dBm)
			996/S67	10.26	10.30		13.29	0.021	
	2C	5570	996/67	10.14	9.64		12.91	0.020	
			996/S67	9.93	9.71		12.83	0.019	

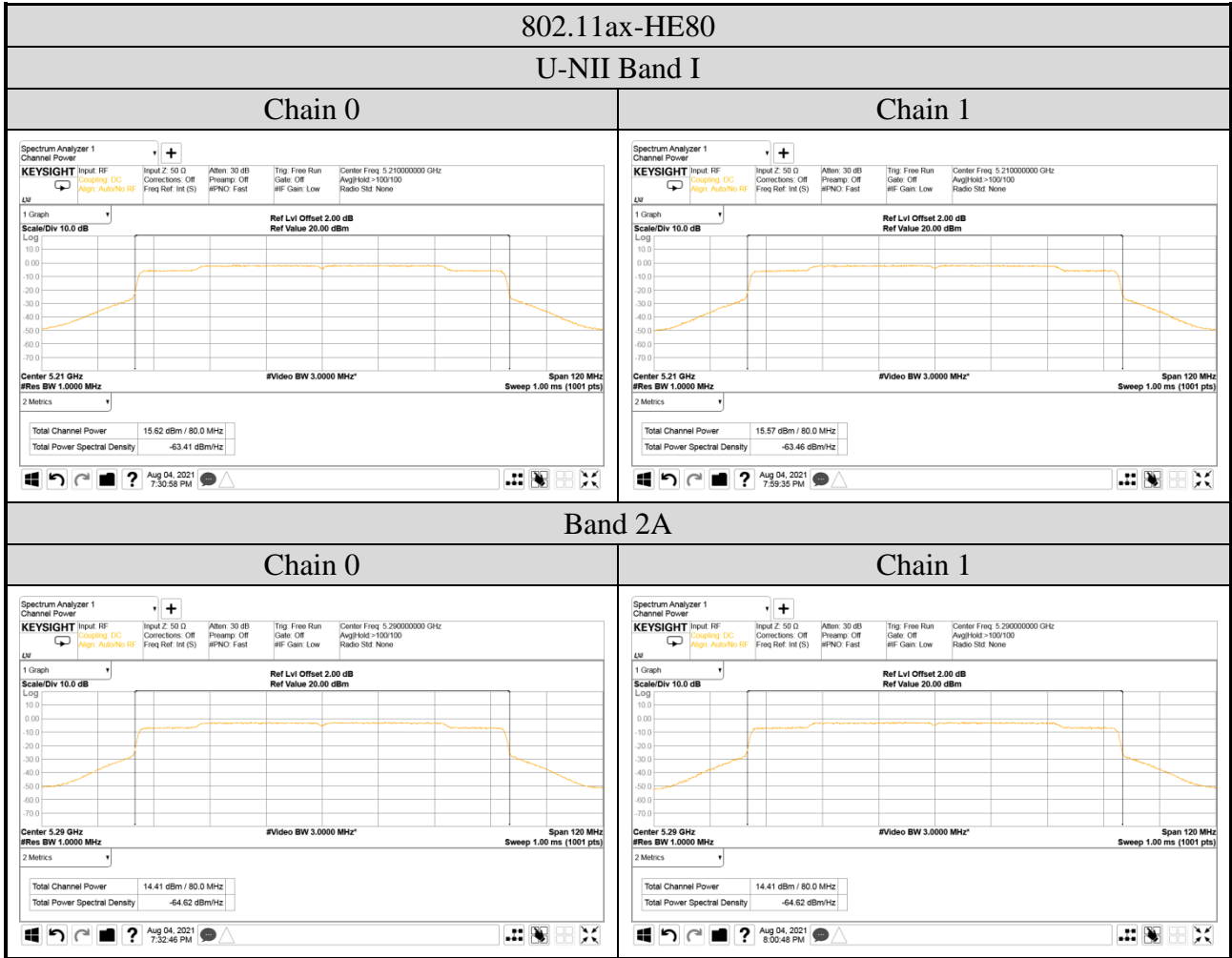
Note: The results have been included cable loss.

A.4.2 Measurement Plots







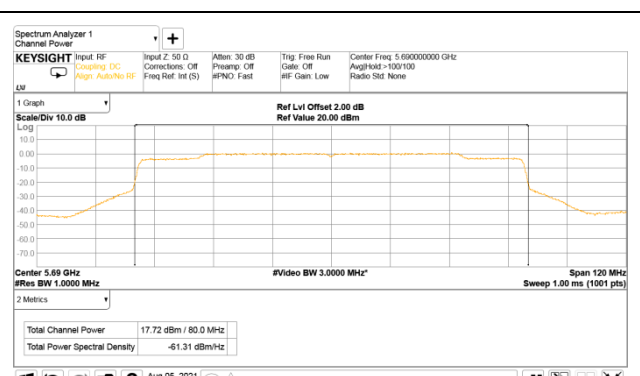
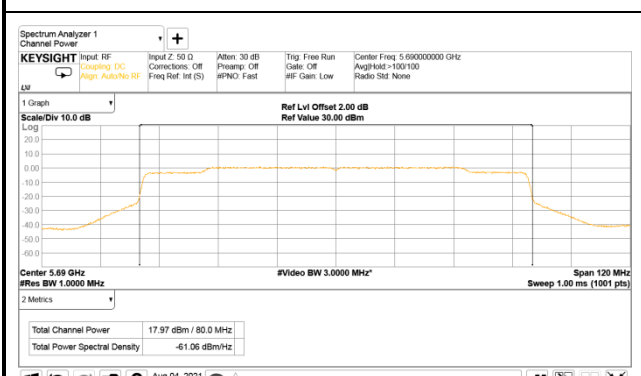
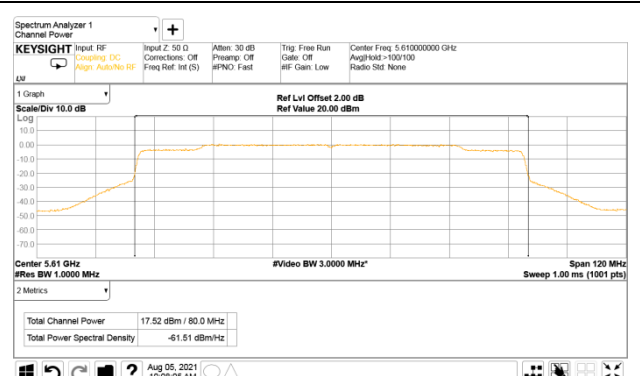
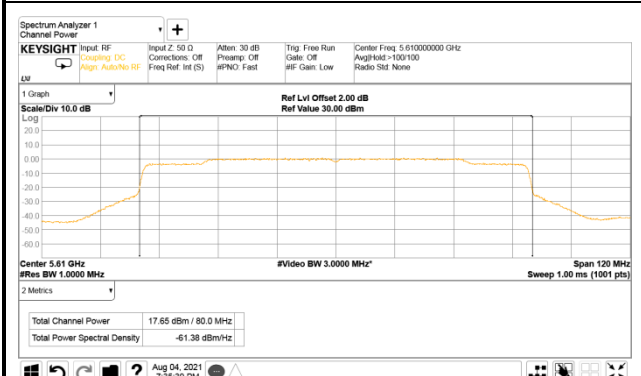
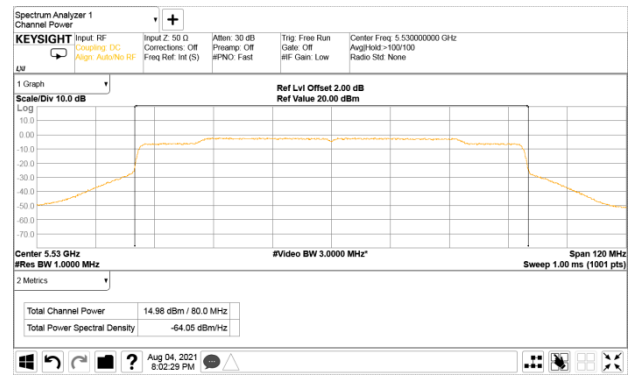
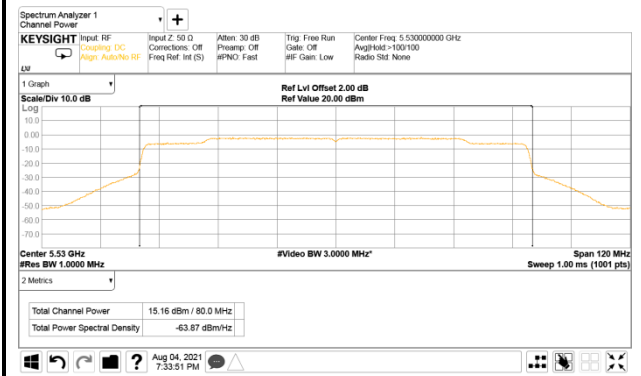


802.11ax-HE 80

U-NII Band 2C

Chain 0

Chain 1



U-NII Band III

